

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040221\
 Data File : BG048575.D
 Acq On : 2 Apr 2021 19:18
 Operator : CG/JU
 Sample : M1836-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B3-10-12

Quant Time: Apr 02 23:58:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

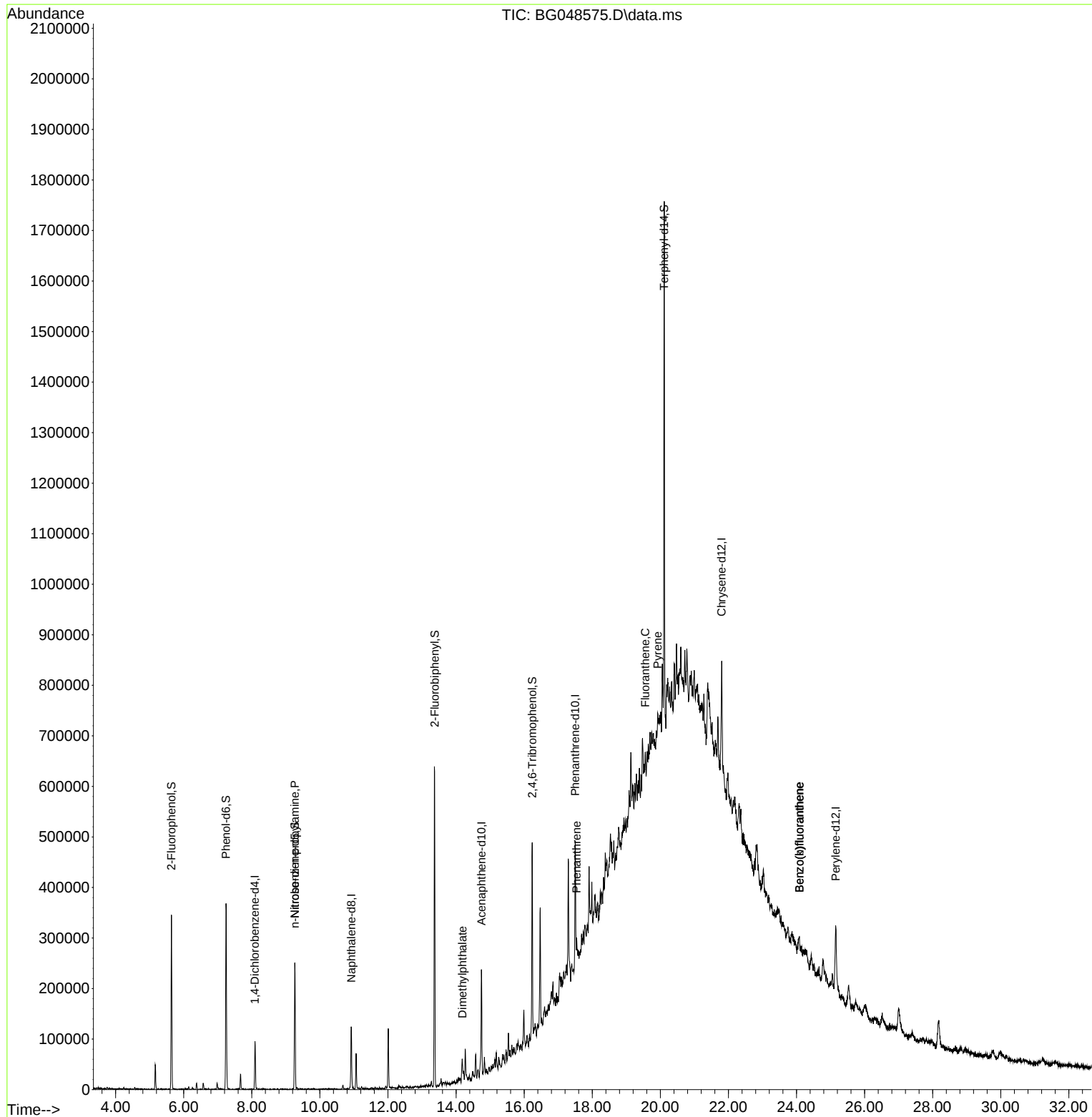
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	24306	20.00	ng	0.00
21) Naphthalene-d8	10.921	136	105722	20.00	ng	0.00
39) Acenaphthene-d10	14.745	164	69039	20.00	ng	0.00
64) Phenanthrene-d10	17.501	188	144615	20.00	ng	# 0.00
76) Chrysene-d12	21.802	240	142195	20.00	ng	# 0.00
86) Perylene-d12	25.151	264	146574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.639	112	138324	100.47	ng	0.00
7) Phenol-d6	7.243	99	187433	93.87	ng	0.00
23) Nitrobenzene-d5	9.264	82	142658	65.33	ng	0.00
42) 2,4,6-Tribromophenol	16.238	330	67350	74.21	ng	0.00
45) 2-Fluorobiphenyl	13.371	172	329740	70.99	ng	0.00
79) Terphenyl-d14	20.116	244	449818	57.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.270	70	21688	15.76	ng	# 67
50) Dimethylphthalate	14.187	163	17782	3.47	ng	98
71) Phenanthrene	17.542	178	23738	3.16	ng	# 89
75) Fluoranthene	19.557	202	26898	2.89	ng	86
78) Pyrene	19.922	202	28333	2.90	ng	# 85
88) Benzo(b)fluoranthene	24.087	252	19296	2.03	ng	# 62
89) Benzo(k)fluoranthene	24.087	252	19296	2.11	ng	# 63

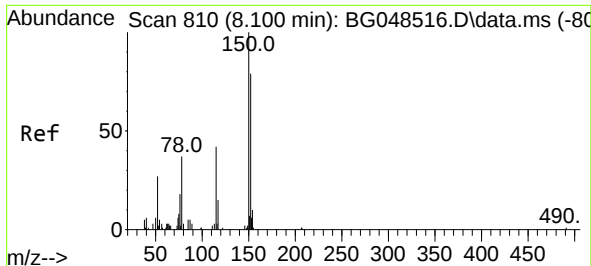
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

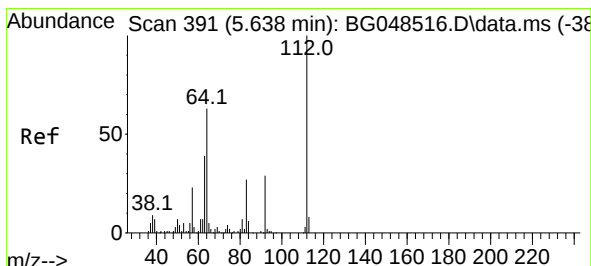
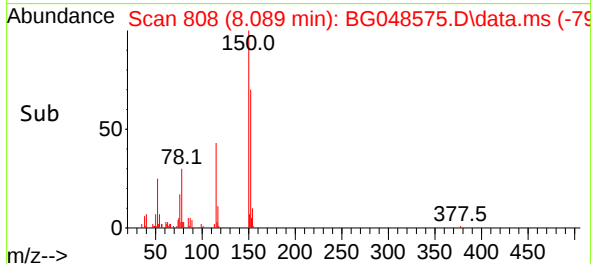
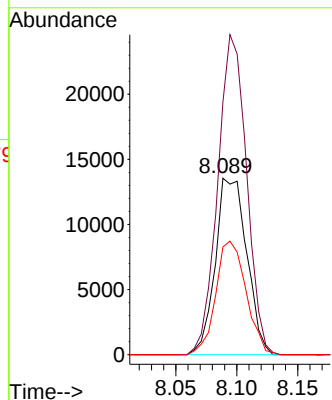
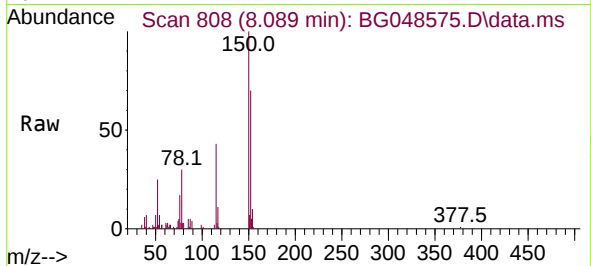




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.089 min Scan# 808
Delta R.T. -0.005 min
Lab File: BG048575.D
Acq: 2 Apr 2021 19:18

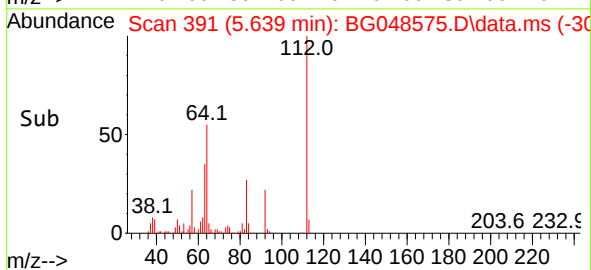
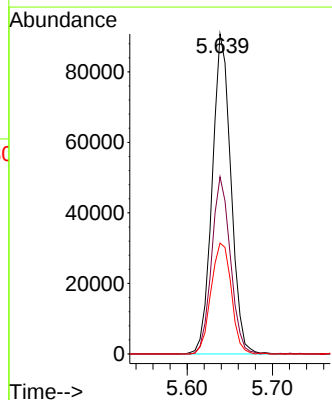
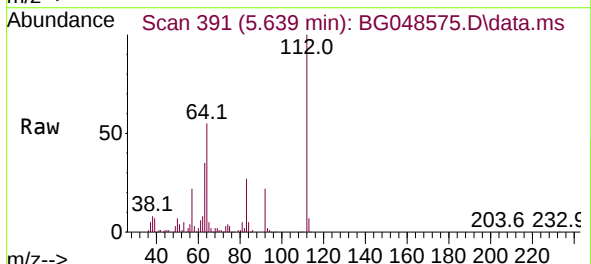
Instrument :
BNA_G
ClientSampleId :
B3-10-12

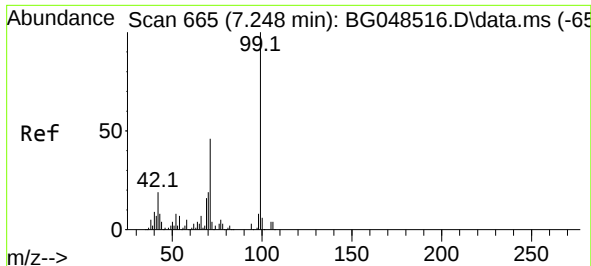
Tgt Ion:152 Resp: 24306
Ion Ratio Lower Upper
152 100
150 143.1 101.3 151.9
115 61.0 42.3 63.5



#5
2-Fluorophenol
Concen: 100.47 ng
RT: 5.639 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG048575.D
Acq: 2 Apr 2021 19:18

Tgt Ion:112 Resp: 138324
Ion Ratio Lower Upper
112 100
64 55.4 50.4 75.6
63 34.7 31.4 47.2

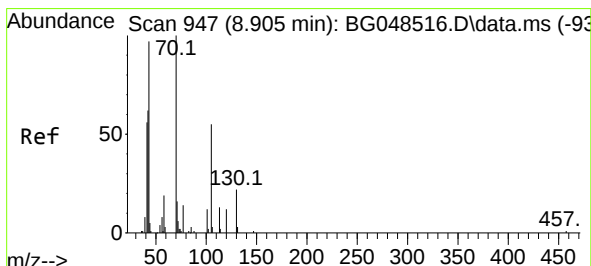
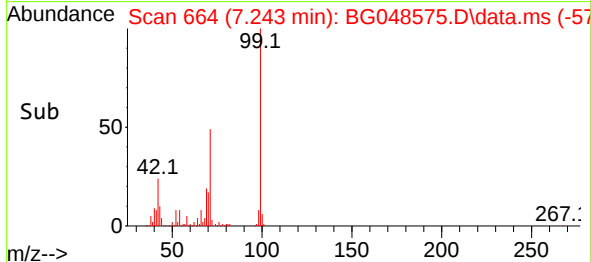
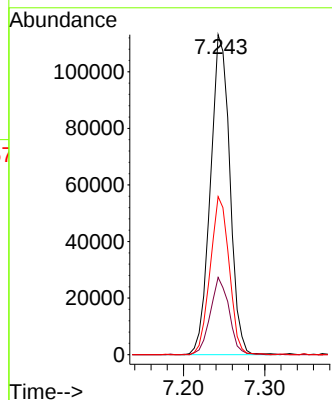
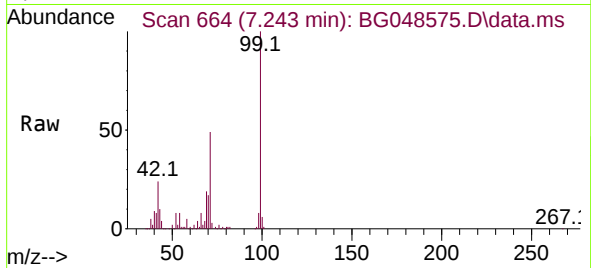




#7
Phenol-d6
Concen: 93.87 ng
RT: 7.243 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG048575.D
Acq: 2 Apr 2021 19:18

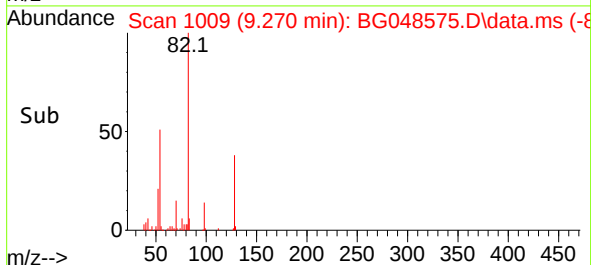
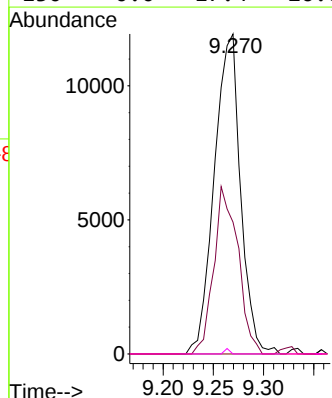
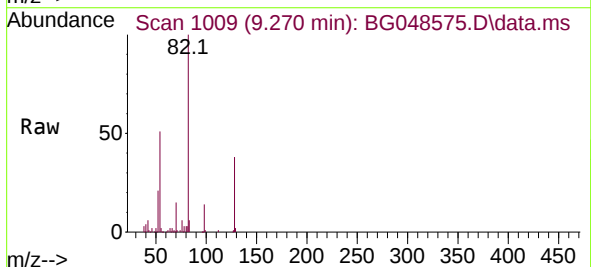
Instrument :
BNA_G
ClientSampleId :
B3-10-12

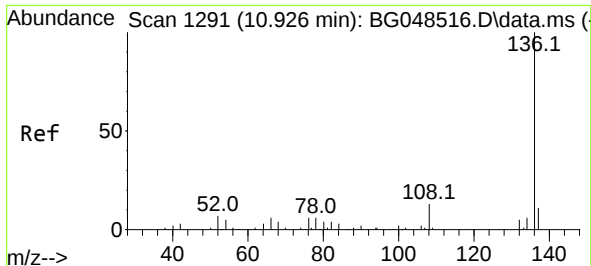
Tgt Ion: 99 Resp: 187433
Ion Ratio Lower Upper
99 100
42 24.2 15.5 23.3#
71 49.4 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.76 ng
RT: 9.270 min Scan# 1009
Delta R.T. 0.365 min
Lab File: BG048575.D
Acq: 2 Apr 2021 19:18

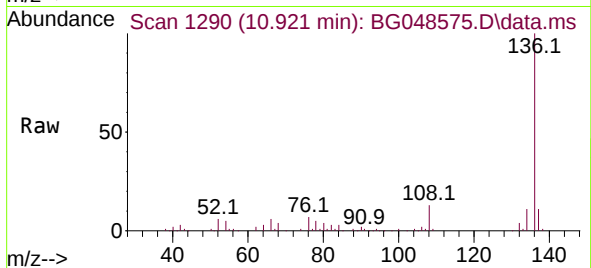
Tgt Ion: 70 Resp: 21688
Ion Ratio Lower Upper
70 100
42 41.2 50.8 76.2#
101 0.0 9.7 14.5#
130 0.0 17.4 26.0#



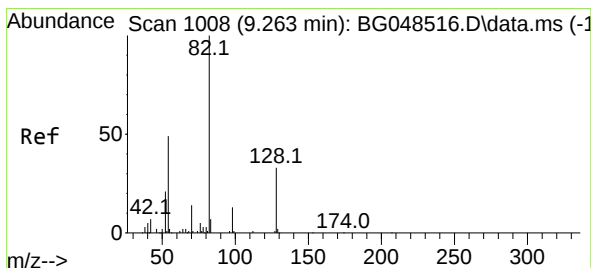
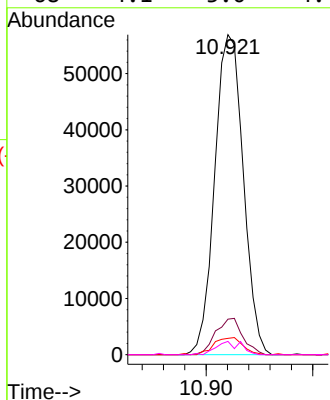
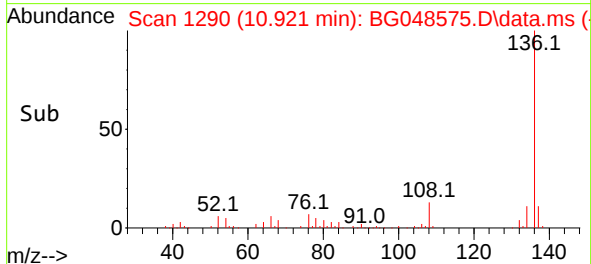


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.921 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG048575.D
Acq: 2 Apr 2021 19:18

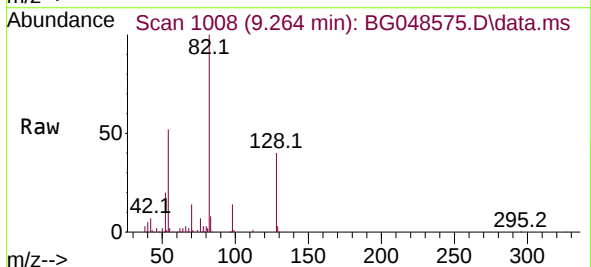
Instrument :
BNA_G
ClientSampleId :
B3-10-12



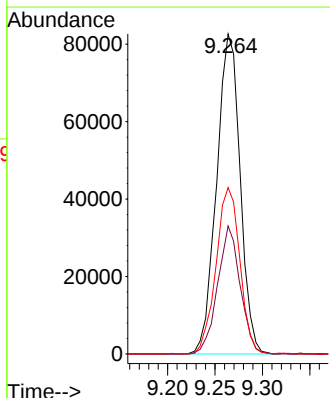
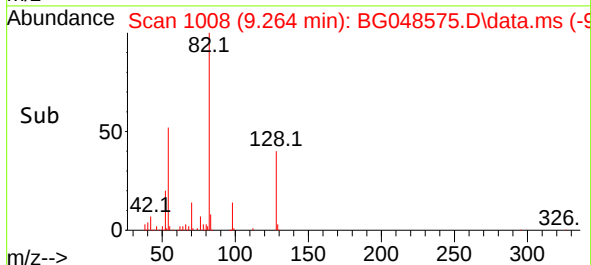
Tgt Ion:136 Resp: 105722
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 5.1 4.2 6.4
68 4.1 3.0 4.4

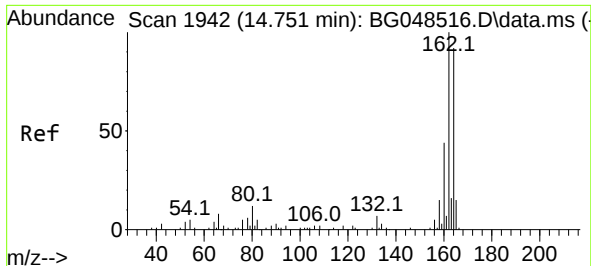


#23
Nitrobenzene-d5
Concen: 65.33 ng
RT: 9.264 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BG048575.D
Acq: 2 Apr 2021 19:18



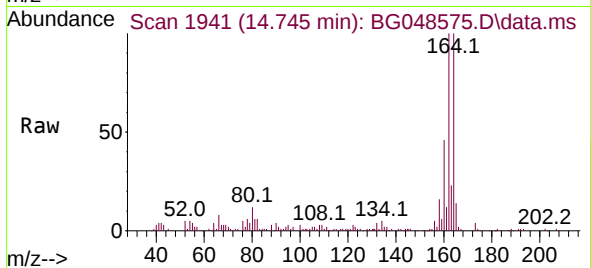
Tgt Ion: 82 Resp: 142658
Ion Ratio Lower Upper
82 100
128 40.0 26.2 39.4#
54 52.0 38.9 58.3



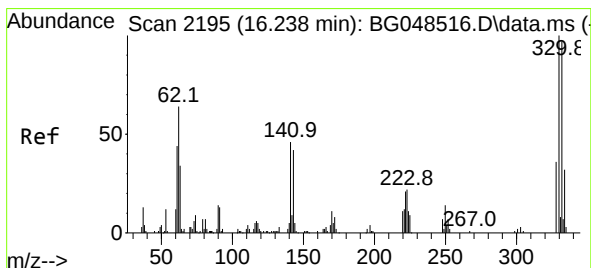
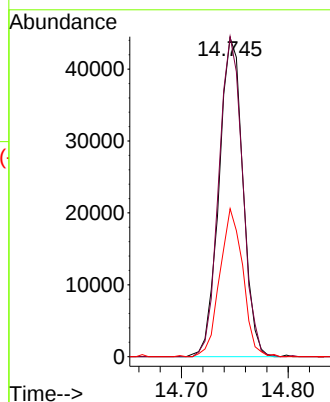
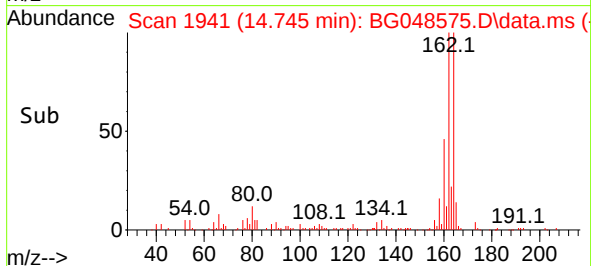


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG048575.D
Acq: 2 Apr 2021 19:18

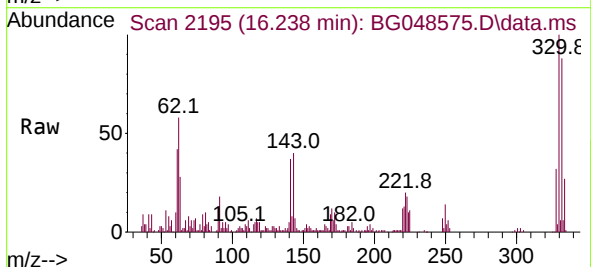
Instrument :
BNA_G
ClientSampleId :
B3-10-12



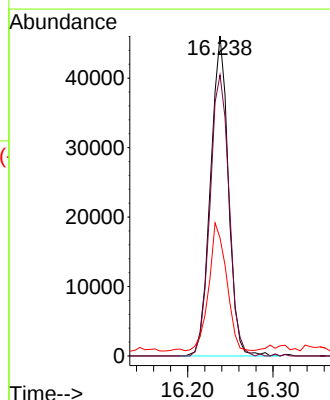
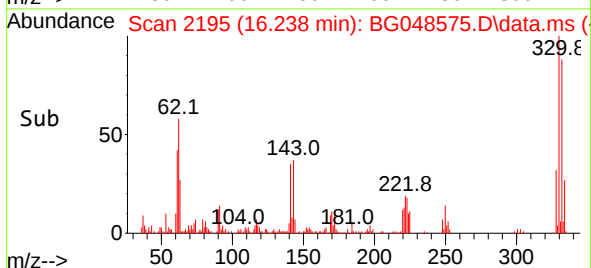
Tgt Ion:164 Resp: 69039
Ion Ratio Lower Upper
164 100
162 100.3 87.0 130.6
160 46.4 38.4 57.6

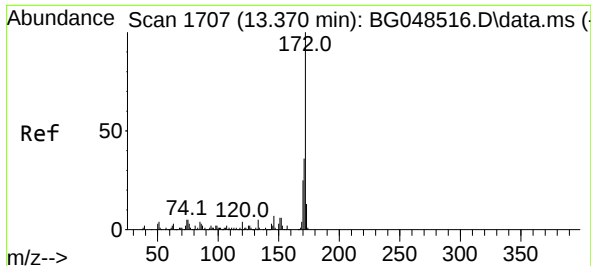


#42
2,4,6-Tribromophenol
Concen: 74.21 ng
RT: 16.238 min Scan# 2195
Delta R.T. -0.005 min
Lab File: BG048575.D
Acq: 2 Apr 2021 19:18



Tgt Ion:330 Resp: 67350
Ion Ratio Lower Upper
330 100
332 93.1 77.6 116.4
141 39.2 34.6 52.0

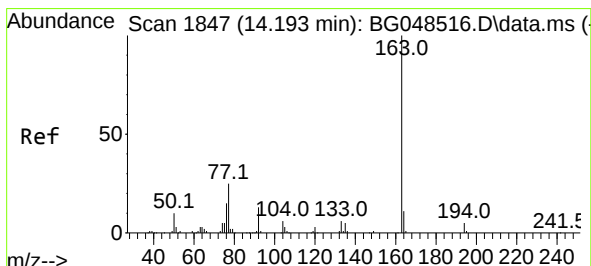
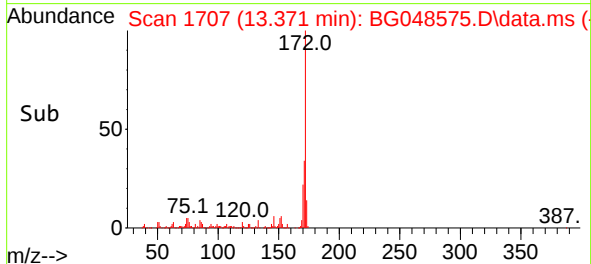
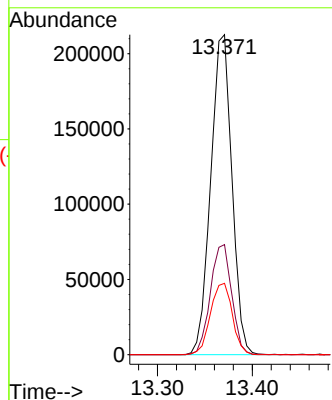
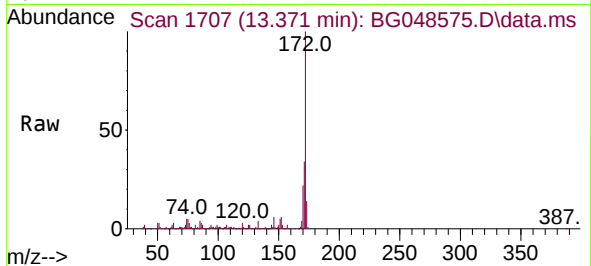




#45
2-Fluorobiphenyl
Concen: 70.99 ng
RT: 13.371 min Scan# 1707
Delta R.T. 0.001 min
Lab File: BG048575.D
Acq: 2 Apr 2021 19:18

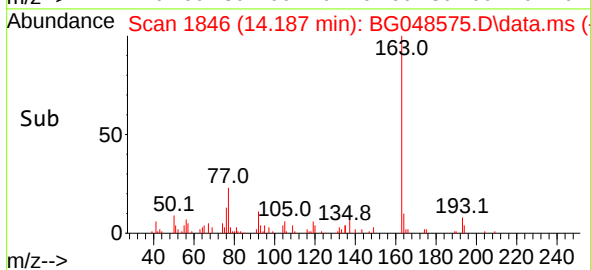
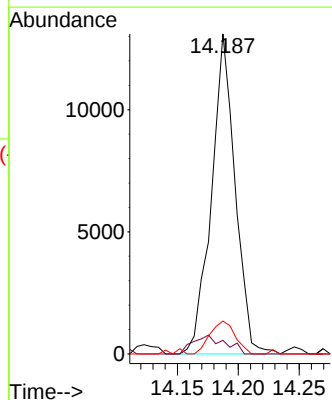
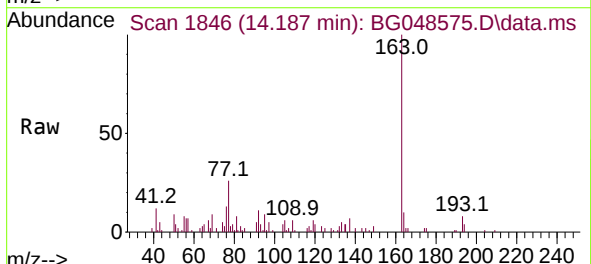
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BNA_G
ClientSampleId :
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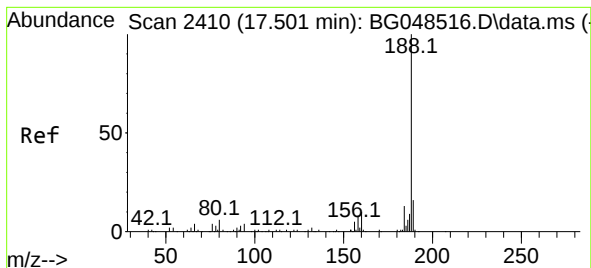
Tgt Ion:	172	Resp:	329740
Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	22.3	19.8	29.6



#50
Dimethylphthalate
Concen: 3.47 ng
RT: 14.187 min Scan# 1846
Delta R.T. -0.011 min
Lab File: BG048575.D
Acq: 2 Apr 2021 19:18

Tgt Ion:	163	Resp:	17782
Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.1	6.1
164	10.3	8.6	12.8

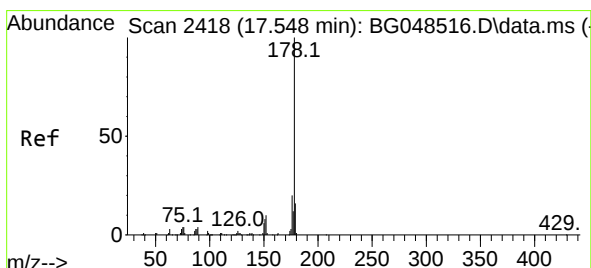
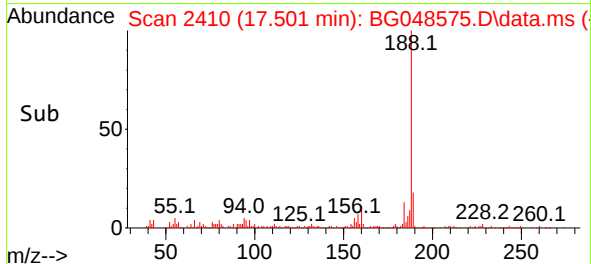
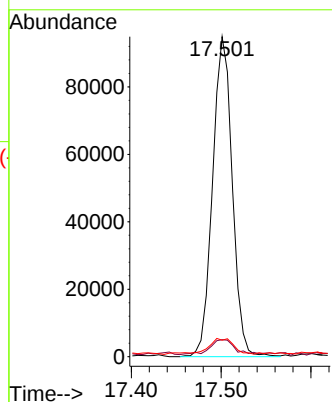
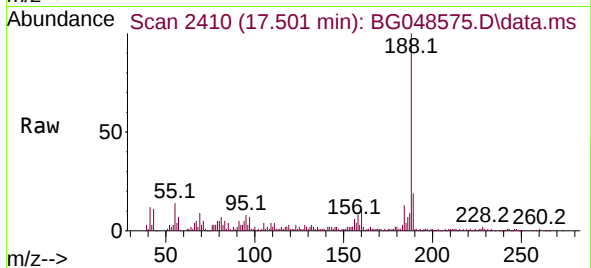




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.501 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BG048575.D
Acq: 2 Apr 2021 19:18

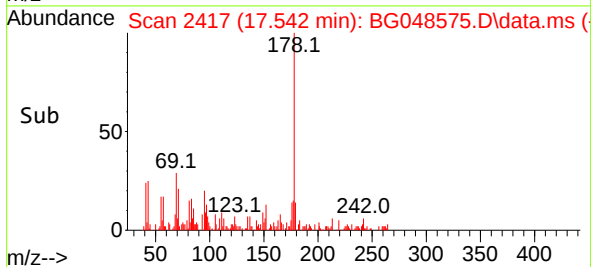
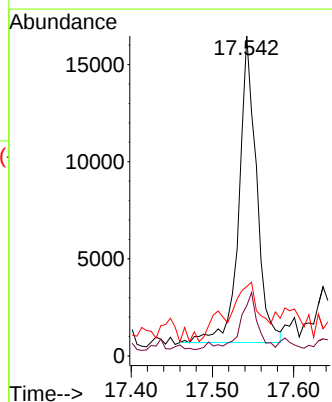
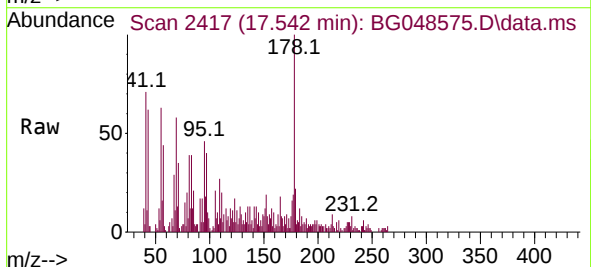
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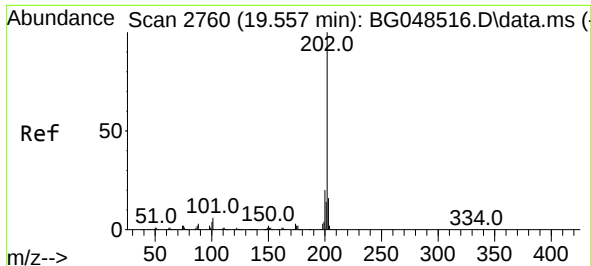
Tgt Ion:188 Resp: 144615
Ion Ratio Lower Upper
188 100
94 5.3 3.0 4.6#
80 5.1 4.5 6.7



#71
Phenanthrene
Concen: 3.16 ng
RT: 17.542 min Scan# 2417
Delta R.T. -0.005 min
Lab File: BG048575.D
Acq: 2 Apr 2021 19:18

Tgt Ion:178 Resp: 23738
Ion Ratio Lower Upper
178 100
176 15.7 15.6 23.4
179 21.7 12.9 19.3#

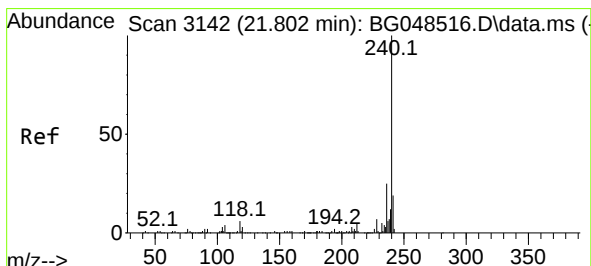
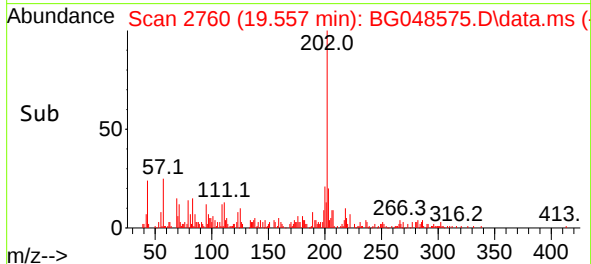
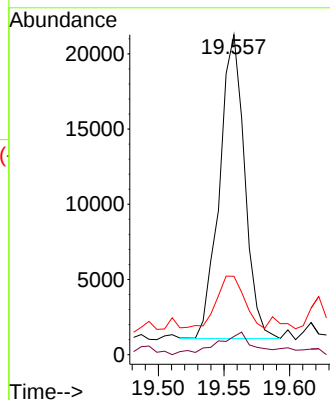
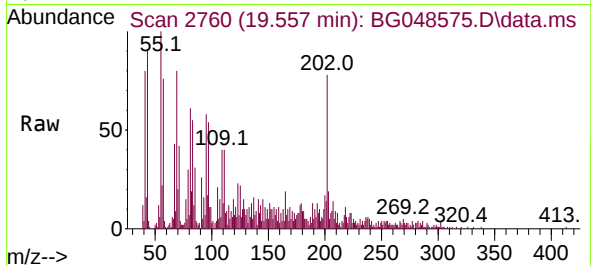




#75
Fluoranthene
Concen: 2.89 ng
RT: 19.557 min Scan# 2760
Delta R.T. 0.001 min
Lab File: BG048575.D
Acq: 2 Apr 2021 19:18

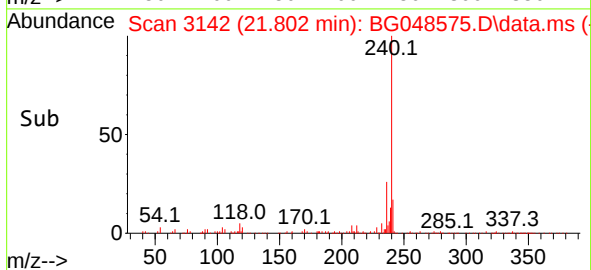
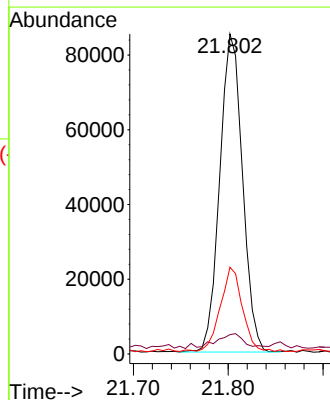
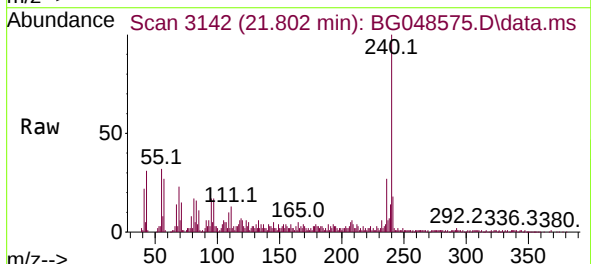
Instrument :
BNA_G
ClientSampled :
B3-10-12

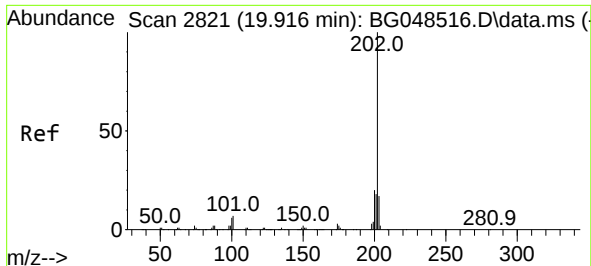
Tgt Ion:	202	Resp:	26898
Ion Ratio	Lower	Upper	
202	100		
101	5.7	0.0	25.8
203	24.5	0.0	36.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.802 min Scan# 3142
Delta R.T. 0.001 min
Lab File: BG048575.D
Acq: 2 Apr 2021 19:18

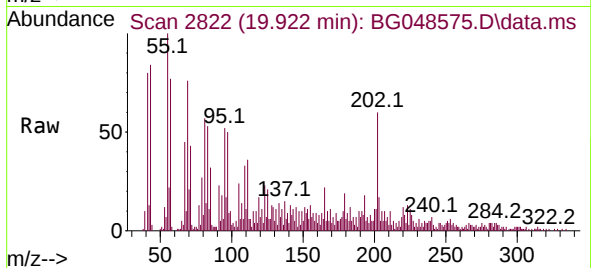
Tgt Ion:	240	Resp:	142195
Ion Ratio	Lower	Upper	
240	100		
120	6.1	2.6	3.8#
236	27.1	19.8	29.6



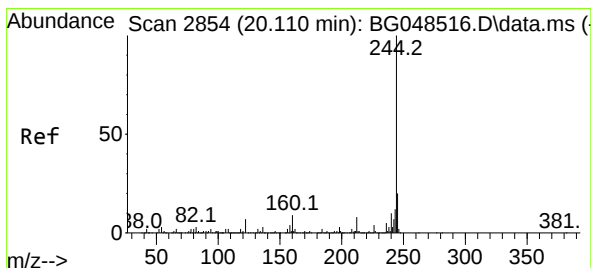
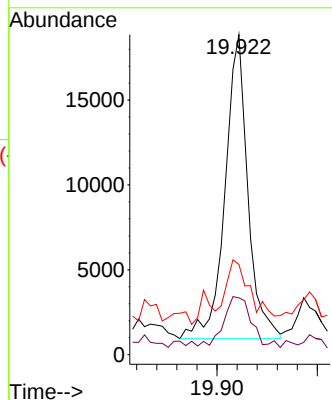
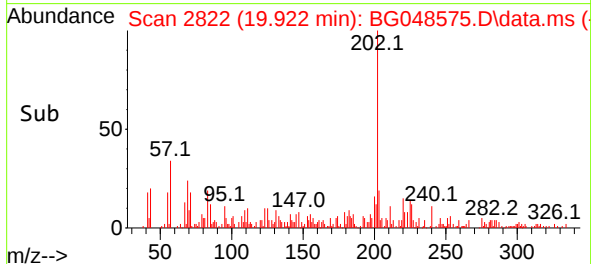


#78
 Pyrene
 Concen: 2.90 ng
 RT: 19.922 min Scan# 2822
 Delta R.T. 0.001 min
 Lab File: BG048575.D
 Acq: 2 Apr 2021 19:18

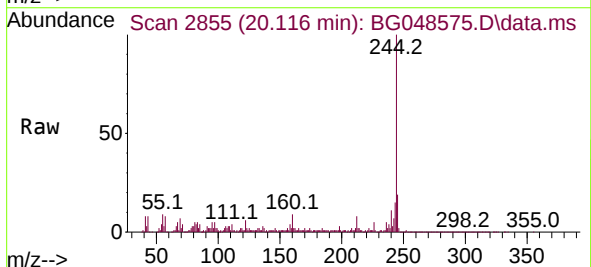
Instrument :
 BNA_G
 ClientSampleId :
 B3-10-12



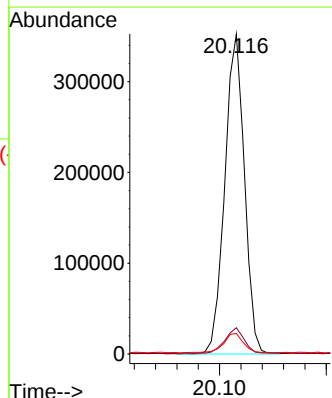
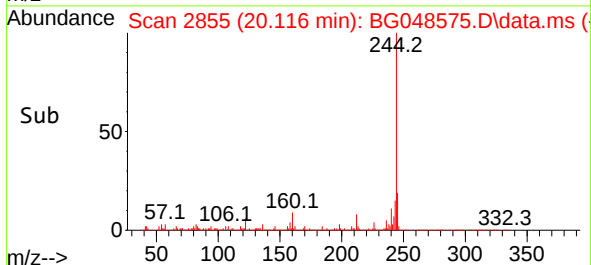
Tgt Ion:202 Resp: 28333
 Ion Ratio Lower Upper
 202 100
 200 17.7 16.1 24.1
 203 28.2 13.6 20.4#

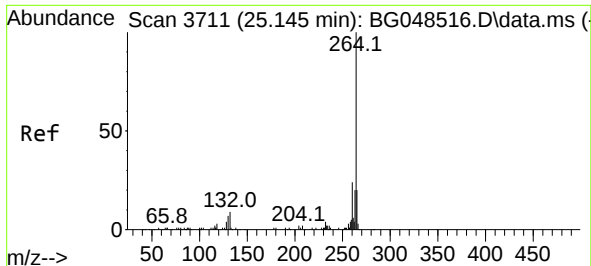


#79
 Terphenyl-d14
 Concen: 57.85 ng
 RT: 20.116 min Scan# 2855
 Delta R.T. 0.001 min
 Lab File: BG048575.D
 Acq: 2 Apr 2021 19:18



Tgt Ion:244 Resp: 449818
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.0 9.0
 122 6.4 5.8 8.6



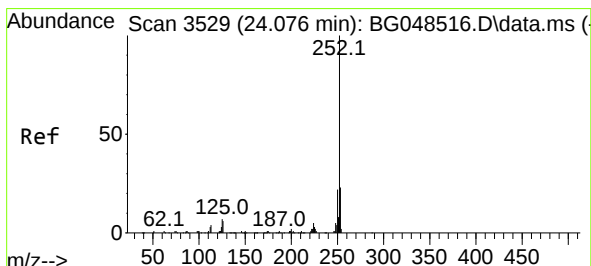
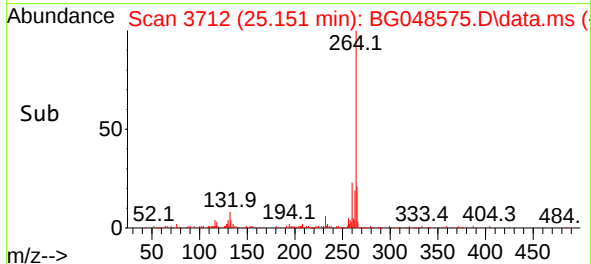
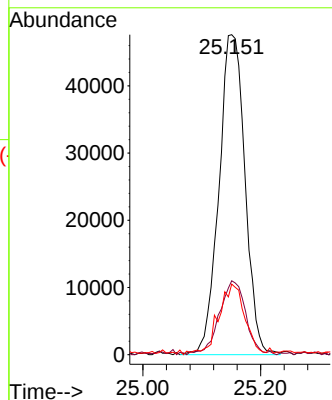
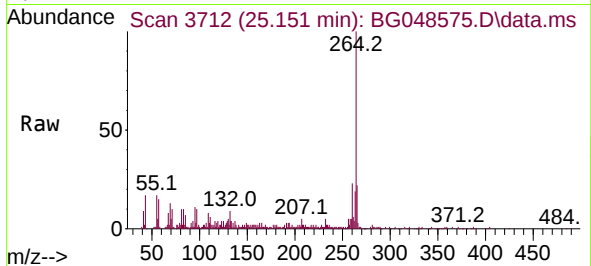


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.151 min Scan# 3712
Delta R.T. 0.001 min
Lab File: BG048575.D
Acq: 2 Apr 2021 19:18

Instrument :
BNA_G
ClientSampled :
B3-10-12

Tgt Ion:264 Resp: 146574

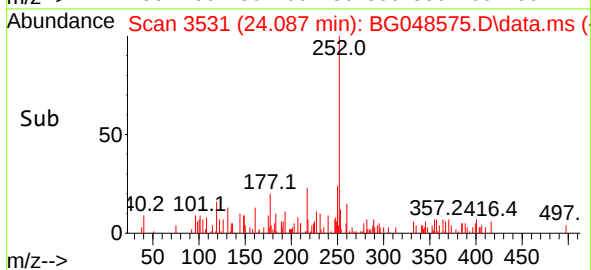
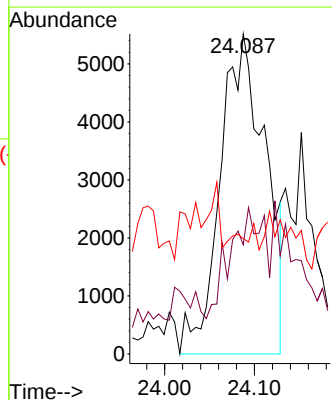
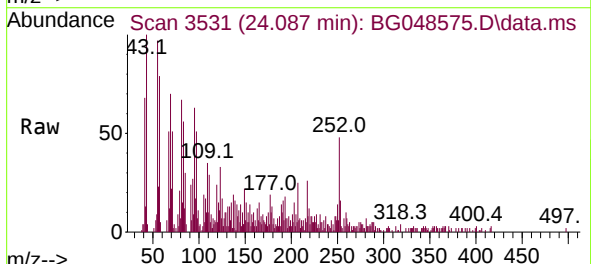
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	22.0	16.1	24.1

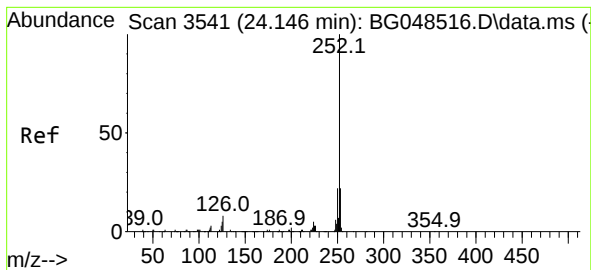


#88
Benzo(b)fluoranthene
Concen: 2.03 ng
RT: 24.087 min Scan# 3531
Delta R.T. 0.007 min
Lab File: BG048575.D
Acq: 2 Apr 2021 19:18

Tgt Ion:252 Resp: 19296

Ion	Ratio	Lower	Upper
252	100		
253	34.1	18.2	27.4#
125	36.1	5.3	7.9#





#89

Benzo(k)fluoranthene

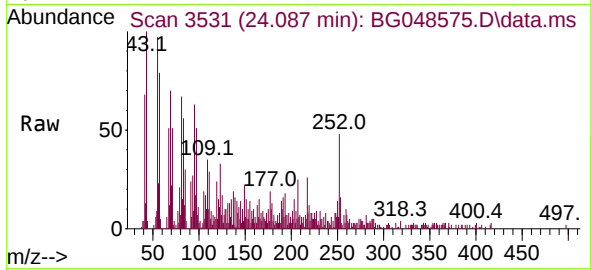
Concen: 2.11 ng

RT: 24.087 min Scan# 3531

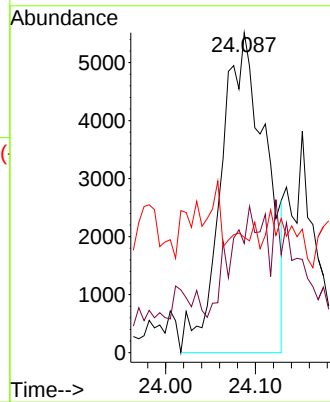
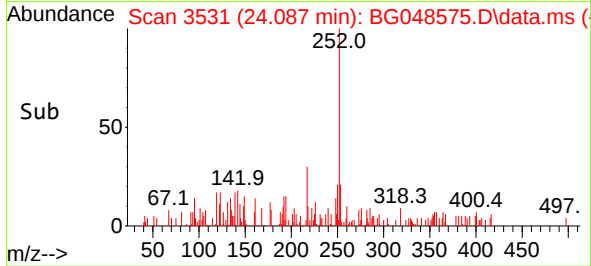
Delta R.T. -0.064 min

Lab File: BG048575.D

Acq: 2 Apr 2021 19:18



Tgt Ion:	252	Resp:	19296
Ion Ratio	Lower	Upper	
252	100		
253	34.1	17.9	26.9#
125	36.1	3.9	5.9#



Instrument :

BNA_G

ClientSampleId :

B3-10-12